PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SanDisk Corporation	04/04/2011

RECEIVING PARTY DATA

Name:	SanDisk Technologies Inc.
Street Address:	6900 North Dallas Parkway
Internal Address:	Two Legacy Town Center
City:	Plano
State/Country:	TEXAS
Postal Code:	75024

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7440327

CORRESPONDENCE DATA

Fax Number: (408)801-9019

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4088012863

Email: simona.benjamin@sandisk.com

Correspondent Name: SanDisk Corporation

Address Line 1: 601 Mccarthy Boulevard

Address Line 2: Patent Department/Simona Benjamin

Address Line 4: Milpitas, CALIFORNIA 95035

ATTORNEY DOCKET NUMBER: SDA-1140Y-US

NAME OF SUBMITTER: Simona Benjamin

Total Attachments: 5

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PATENT REEL: 026260 FRAME: 0628 - \$40.00 **/**4403

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ASSIGNMENT

WHEREAS, SanDisk Corporation, a Delaware corporation, doing business at 601 McCarthy Boulevard, Milpitas, CA 95035 (hereinafter referred to as ASSIGNOR), holds right, title and interest throughout the world in and to the patents and patent applications set forth in the attached Exhibit A, together with all divisions, continuations, or continuations-in-part thereof, and all patents issuing thereon including reissues, renewals, substitutions, re-examinations and extensions thereof, and any and all corresponding foreign patents and patent applications (hereinafter referred to as, collectively, THE ASSIGNED PATENT RIGHTS);

WHEREAS, SanDisk Technologies Inc., a Texas corporation, doing business at Two Legacy Town Center, 6900 North Dallas Parkway, Plano, Texas 75024, (hereinafter referred to as ASSIGNEE), is desirous of acquiring the full and exclusive right, title and interest in THE ASSIGNED PATENT RIGHTS;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assigns, transfers and conveys unto the said ASSIGNEE, and ASSIGNEE accepts, all of ASSIGNOR's right, title and interest throughout the world in and to THE ASSIGNED PATENT RIGHTS and to all Letters Patent or applications or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for THE ASSIGNED PATENT RIGHTS, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNOR hereby authorizes and requests the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for THE ASSIGNED PATENT RIGHTS to ASSIGNEE in accordance with the terms of this ASSIGNMENT but subject to reserved rights including but not limited to those previously retained by, granted to, or owned by, the United States government, educational institutions or both and hereby transfers and conveys all rights of action, power and benefit belonging to or accruing from THE ASSIGNED PATENT RIGHTS including the right to undertake proceedings to recover past and future damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this assignment.

No other rights, immunities, or licenses, including, without limitation, any rights to any intellectual property owned, controlled or licensable by **Assignor** are granted or assigned to ASSIGNEE under this ASSIGNMENT, either expressly or by implication, estoppel, or otherwise, other than the rights expressly recited herein.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would knowingly conflict with this Agreement;

ASSIGNOR further covenants that ASSIGNEE will, upon its lawful request, reasonably be provided with all pertinent facts and documents relating to THE ASSIGNED PATENT RIGHTS and legal equivalents as may be known and reasonably accessible to ASSIGNOR and that ASSIGNOR will testify as to the same in any administrative contest or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce THE ASSIGNED PATENT RIGHTS and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

IN TESTIMONY WHEREOF, I hereunto set my hand as of the date indicated below.

SANDISK CORPORATION

Dated: 4th April 2011	Andy Bruner Name: Judy Bruner Title: EVP and CFO					
STATE OF California)ss.						
	ore me Area I Branson Watan (notary public) the undersigned Notary					
within instrument and acknowledged to me that	nce to be the person(s) whose name(s) is/are subscribed to the he/she/they executed the same in his/her/their authorized the instrument the person(s), or the entity upon behalf of which					
I certify under PENALTY OF PERJURY under the lar and correct.	ws of the State of California that the foregoing paragraph is true					
	WITNESS my hand and official seal.					
AVERIL BRANWEN WATAN Commission # 1742706 Notary Public - California Santa Clara County My Comm. Expires Apr 29, 2011	Signature: Signature of Notary Public					
	We accept the Assignment					
SANDISK TECHNOLOGIES INC.						
Dated: 4/4/11	Name: James F. Brelsford Title: President and Sceretary					
STATE OF California)	· ·					
STATE OF California COUNTY OF Santo Clora)ss.						
On this 4 day of April, 2011, before Public, personally appeared 1 fames f. Be	ore me the undersigned Notary					
who proved to me on the basis of satisfactory evider	nce to be the person(s) whose name(s) is/are subscribed to the he/she/they executed the same in his/her/their authorized					

capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: <u>Signature of Notary Public</u> L. BENJAMIN Commission # 1893105 Notary Public - California Santa Clara County

Exhibit A

FILE#	INVENTORS	TITLE	COUNTRY	STATUS	SER#	FILING DATE	PAT#	ISSUE DATE
SDA-1139X-US		Compensation Source Voltage Drop in Non-Volatile	US	Issued	11739501	24-Apr-07	7606071	20-Oct-09
SDA-1139Y-US		Storage Non-Volatile Storage with Compensation for Source	HC	Issued	11739509	24-Apr-07	7606072	20-Oct-09
CO-16CTT-W/I			03	issueu	11/33303	24-Apr-07	/0000/2	20-061-09
:DA_11/0Y_US		Voltage Drop Reducing Power Consumption During Read	US	Issued	11740091	25-Apr-07	7606079	20-Oct-09
		03	Issueu	11/40031	25-Api-07	/0000/3	20-061-09	
SO		Operations in Non-Volatile Storage Non-Volatile Storage with Reduced Power	US	Issued	11740096	25-Apr-07	7440327	21-Oct-08
SDA-1140Y-US	_ ' ' '		03	issueu	11/40030	Z3-Api-07	/44032/	21-061-00
SDA-1141X-a-US Nima Mokhle	Nima Mokhlesi	Consumption during Read Operations Non-Volatile Memory and Method With Improved	US	Issued	12371479	13-Feb-09	7808832	5-Oct-10
DA-1141V-9-02		Sensing Having Bit-Line Lockout Control	03	155060	123/14/3	13-160-03	7000032	3-000-10
*DA 4444V L 110	NO. AND LLEE	M. ALLELAN TAKAL DAPAT	110	0 121 1	42007000	10.10		
SDA-1141X-b-US	Nima Mokhlesi	Non-Volatile Memory and Method With Improved Sensing Having Bit-Line Lockout Control	US	Published	12897089	4-Oct-10		
DA-1141X-US	Nima Mokhlesi	Sensing with Bit-Line Lockout Control in Non-	US	Issued	11759898	7-Jun-07	7492640	17-Feb-09
DA-1141Y-US	Nima Mokhlesi	Volatile Memory Non-Volatile Memory with Improved Sensing Having	HC	Issued	11759909	7-Jun-07	7489553	10-Feb-09
DA-11411-03		Bit-Line Lockout Control	03	Issued	11/55505	/-Jun-0/	/403000	10-760-09
DA-1142X-US	Yingda Dong, Jeffrey Lutze, Shih-Chung	Boosting for Non-Volatile Storage Using Channel	US	Issued	11745082	7-May-07	7460404	2-Dec-08
	Lee, Gerrit Jan Hemink, Ken Oowada	Isolation Switching						
DA-1142Y-US	Yingda Dong, Jeffrey Lutze, Shih-Chung	Non-Volatile Storage With Boosting Using Channel	US	Issued	11745092	7-May-07	7463522	9-Dec-08
	Lee, Gerrit Jan Hemink, Ken Oowada	Isolation Switching						
DA-1143X-US	Bill Thanos, Hyuk-II Kwon, In-Soo Yoon, Joe	Method for Avoiding Refreshing a Database of	US	Published	11804994	18-May-07		
Meza, Dave Jeppson	Meza, Dave Jeppson	Metadata Associated with Digital Media Content						
DA-1144X-US	Bill Thanos, Hyuk-II Kwon, Dave Jeppson,	Method for Improving a Digial Media Player	US	Published	11804580	18-May-07		
		Experience		, abiibiica	1250 1500	25 1112, 67		
DA-1145X-US	Derek J. Bosch, Christopher Moore	Method for Repairing a Neighborhood of Rows in a	US	Published	11803776	15-May-07		
577 12 1577 00	· · ·	Memory Array Using a Patch Table			12500170	25 1114, 07		
SDA-1145Y-US	Derek J. Bosch, Christopher Moore	Memory Device for Repairing a Neighborhood of	US	Published	11803756	15-May-07		
	· · · · ·	Rows in a Memory Array Using a Patch Table						
SDA-1147X-US	Michael Holtzman, Rotem Sela, Ron	Method for Improving Accuracy of a Time Estimate	US	Published	11811284	8-Jun-07		
	Barzilai, Fabrice Jogand-Coulomb	from a Memory Device						
DA-1148X-US	Michael Holtzman, Rotem Sela, Ron	Method for Improving Accuracy of a Time Estimate	US	Published	11811289	8-Jun-07		
	Barzilai, Fabrice Jogand-Coulomb	Used to Authenticate an Entity to a Memory Device						
SDA-1149X-US Michael Holtzman, Rotem Sela, Ron Barzilai, Fabrice Jogand-Coulomb	Michael Holtzman, Rotem Sela, Ron	Method for Improving Accuracy of a Time Estimate	US	Published	11811354	8-Jun-07		
		Used in Digital Rights Management (DRM) License Validation						
DA-1150X-US		Method for Using Time from a Trusted Host Device	US	Published	11811346	8-Jun-07		
	Sela, Ron Barzilai, Fabrice Jogand-Coulomb							
DA-1151X-US		Method for Using Transitional Voltage During	US	Issued	11753958	25-May-07	7656703	2-Feb-10
		Programming of Non-Volatile Storage						
SDA-1151Y-US	Yingda Dong, Jeffrey Lutze, Dana Lee	Non-Volatile Storage System Using Transitional	US	Issued	11753963	25-May-07	7706189	27-Apr-10
		Voltage During Programming						
SDA-1152Y-US	Cheeman Yu, Chih Chin Liao, Hem Takiar	Semiconductor Molded Panel Having Reduced	US	Published	11759486	7-Jun-07		
		Warpage						
DA-1153-US	Raul-Adrian Cernea	Sensing with Compact NMOS Circuits in Nonvolatile	US	Unfiled				
		Memory (Method)						

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